

Release Notes GC-PrevuePlus v16.4

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New Features

Round Corners for Apertures

This new function allows for a radius corner to be placed on any selected apertures via the Advanced Stencil Creation sub-menu.

There is also an option to add a Chamfered corner if necessary although the results of this function (chanfering) can produce non-sensical results on certain odd shapes.

Added numerous Plugin functions

A number of plugin functions have been added to enhance the customization of the product. Details can be found within the Intellisense for the plugin.

Items Fixed since v16.3

This list is customer reported issues fixed for this release.

- #488 Fixed an algorithm that now correctly creates C Pad apertures on odd angle pads. The function now also scans every angle of pads to increase the speed of converting chip footprints for stencil customers.
- #487 Rounding Corners for Custom apertures.
- #486 Updated the Tool Compensation algorithm to not compensate the First and/or Last point in the Rout Path
- #485 Added the ability to Create Drill Drawings based on Tool Number or Size rather than Tool Table position.
- #484 Fixed an failure in the GCPlugin code that caused Home Plate patterns to generate poor results.
- #477 Fixed a problem that caused a very long silver to be missed during DFM
- #472 Fixed problems in the Filter Selection function that interpreted trace length as including aperture size. Changed the algorithm to only use centerline length.
- #471 Fixed the code to consistently keep the original start point independent of whether the Rout path is clockwise or counter-clockwise. This function also applies if the initial tool path is a straight line or an arc.
- #470 Added a warning to the Excellon output function if duplicated tool numbers were present within the Tool Table.
- #455 Failure in entity tracking via a script caused some traces to not be mirrored. Add sanity check to catch this issue during Editing functionality.